initial of the control of the contro					PAGE 1 OF 13 PAGES	
2. AMENDMENT/MODIFICATION NO. M021	3. EFFECTIVE DATE See Block 16c	4. REQUISITION NOPR	I/PUR	CHASE REQ. NO.		NO. (If applicable)
6. ISSUED BY	CODE	7. ADMINIS	TERE	D BY (If other than I	tem 6) C	ODE
U.S. Department of Energy Idaho Operations Office Procurement Services Division 850 Energy Drive, MS 1221 Idaho Falls, ID 83401-1563 Wendy L. Bauer, Contract Specialist, (208) 526-2808 Cheryl A. Thompson, Contracting Officer, (208) 526-808 Cheryl A. Thompson, Contract Specialist, (208) 526-808 Cheryl A. Thompson, Contracting Officer, (208				-2808) 526-5743		
8. NAME AND ADDRESS OF CONTRACT	OR (No., street, county, State	and Zip Code)		9A. AMENDMENT	OF SOLICITAT	TON NO.
Bechtel BWXT Idaho, LLC PO Box 1625, MS 3528 Idaho Falls, ID 83415				9B. DATED (SEE		
			x	10A. MODIFICATI DE-AC07-99		ACT/ORDER NO.
CODE	FACILITY CODE			10B. DATED (SEE		
	THIS ITEM ONLY APPLIES	TO AMENDMENTS	OF S	June 1, 1999 OLICITATIONS	J	
☐ The above numbered solicitation is amended	as set forth in Item 14. The hour	and date specified for	receipt	of Offers is exten	ded, 🔲 is not e	ktended.
Offers must acknowledge receipt of this amendm	ent prior to the hour and date spe	cified in the solicitation	n as an	nended, by one of the f	ollowing methods:	
(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A					O BE RECEIVED AT R OFFER. If by virtue	
				<u> </u>	·····	
	ITEM APPLIES ONLY TO MODIFIES THE CONTRACT/O					
A. THIS CHANGE ORDER IS ISSU						
THE CHANGES SET FORTH IN	TEM 14 ADE MADE IN THE	CONTRACT ORDS	ED NO	NINITEM 100		
B. THE ABOVE-NUMBERED CONT office, appropriation date, etc.) S	RACT/ORDER IS MODIFIED	TO REFLECT TH	E ADN	MINISTRATIVE CHA		s changes in paying
C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERED INTO PU	RSUANT TO AUT	HORIT	TY OF:		
X D. OTHER (Specify type of modifical Applicable Directives (List B)	tion and authority); Clause I.	60, Laws, Regulati	on an	d DOE Directives a	and Attachmen	J-G - List of
E. IMPORTANT: Contractor X is				•		
14. DESCRIPTION OF AMENDMENT/MO feasible)	DIFICATION (Organized by U	ICF section headin	gs, ind	cluding solicitation/co	ontract subject n	natter where
See the following pages	for revisions.					
						منا المعمد المسمومات والمساود
Except as provided herein, all terms and c full force and effect.	onditions of the document ref					
15A. NAME AND TITLE OF SIGNER (Typ	e or print)	i j	₹. Je	TITLE OF CONTRAC ffrey Hoyles racting Officer	CTING OFFICEI	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGN	. 1		TES OF AMERICA	yles	16C. DATE, SIGNED
BY	n(m)	BY	aneti:	// 1 re of Contracting Off	(
(Signature of person authorized to	signi	၂. (S	yııaıul	e or contracting Off	1001/	<u> </u>

NSN 754-01-152-8070 PREVIOUS EDITION UNUSABLE FAR (48 CFR) 53.24 30-105

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA **Current Updates**: This Modification of Contract incorporates the following applicable DOE/ID Directives.

<u>DOE Directives Added to List B</u> (The CRD'S for the following DOE Directives are applicable to the contract):

DOE M 200.1-1, Chapter 9, Public Key Cryptography and Key Management, dated 02-15-2000 (CCN# 00-007545)

DOE O 443.1, Protection of Human Subjects, dated 05-15-00 (CCN# 00-010305)

DOE M 471.2-3, Special Access Program (SAP) Policies, Responsibilities, and Procedures Manual, dated 04-20-00 (CCN# 00-009893)

DOE N 473.3, Standardization of Chemical Protective Equipment for Protective Forces and Special Agents, dated 03-29-00 (CCN# 00-008589)

DOE N 473.4, Department of Energy Badges, dated 05-26-00 (CCN# 00-010670)

DOE N 473.5, Security Area Vouching and Piggybacking, dated 06-05-00 (CCN# 00-010770)

Amended DOE Directives:

DOE N 430.2, Extension of DOE O 430.2, In-House Energy Management, dated 06-13-96. This Notice extends DOE O 430.2, In-House Energy Management until 12-13-00. DOE O 430.2 is already part of List B.

ID Directives Added to List B:

ID O 410.K, Management of Nuclear Material, dated 04-10-00 (CCN# 00-008847)

ID O 414.A. Quality Assurance, dated 05-17-00 (CCN# 00-0010306)

ID O 425.A, Startup and Restart of Nuclear Facilities, dated 03-24-00 (CCN# 00-008765)

ID O 474.A, Control and Accountability of Nuclear Material, dated 04-10-00 (CCN# 00-008848)

Amended ID Directives:

ID N 420.A1, Safety Basis Review and Approval Process, dated 05-11-98. This Notice has been extended for 6-months without revision or change to the text. The new expiration date for the Notice is 11-11-00.

ID N 430.1A, Life Cycle Asset Management: ID Expectations, dated 02-24-97. This Notice has been extended for 8-months without revision or change to the text. The new expiration date for the Notice is 02-24-01.

ID N 450.C, Authorization Agreements, dated 02-08-99. This Notice has been extended for 3-months without revision or change to the text. The new expiration date for the Notice is 11-08-00.

DOE Directives Removed from List B:

DOE O 1300.3, Protection of Human Subjects, dated 08-23-90, cancelled by DOE O 443.1.

DOE O 5484.1, Environmental Protection, Safety and Health Protection Information Reporting Requirements, dated 2-24-81, cancelled by DOE N 251.35.

ID Directives Removed from List B:

ID O 414.1, Quality Assurance, dated 07-26-99. Cancelled by ID O 414.A.

ID N 474.A, Control and Accountability of Nuclear Material, dated 09-23-96. Cancelled by ID O 474.A.

ID N 5660.1A, Management of Nuclear Material, dated 02-08-99. Cancelled by ID O 410.K.

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
	<u>ORDERS</u>		
DOE O 110.3 (Cancels DOE N 110.3)	CONFERENCE MANAGEMENT	MA	11-03-99
DOE O 130.1 (CANCELS DOE 5100.3, DO	BUDGET FORMULATION PROCESS DE 5100.4, DOE 5100.5 & 5100.6A)	CR	09-29-95
DOE O 151.1 (CANCELS DOE 5500.1B, I DOE 5500.8A, DOE 5500.9A	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM DOE 5500.2B, DOE 5500.3A, DOE 5500.4A, DOE 5500.5A, DOE 5500.7B, and DOE 5500.10)	SO	09-25-95
CHANGE 001	,	so	10-26-95
CHANGE 002	DOE 5500.2B, DOE 5500.3A, DOE 5500.10)	SO	08-21-96
	INFORMATION MANAGEMENT PROGRAM DOE 5900.1A; this order also cancels the following Directives: D, DOE 1410.2, DOE 1450.3A, DOE 1700.1, DOE 1800.1A & DOE 5300.1	SO	09-30-96
·		ic)	
DOE O 210.1	PERFORMANCE INDICATORS AND ANALYSIS OF OPERATIONS INFORMATION	EH	09-27-95
(CANCELS DOE 5480.26) CHANGE 001		EH	10-26-95
CHANGE 002		EH	05-01-96
DOE O 224.1	CONTRACTOR PERFORMANCE-BASED BUSINESS MANAGEMENT PROCESS	FM	12-08-97
	ACCIDENT INVESTIGATIONS Paragraphs 1 through 5, 6a (1) through (10), 6b, 6d, 6f (1) through (8), and the Chapters I and II of DOE 5484.1)	EH e	11-26-97
DOE 5440.1E, DOE 5480.3,	ENVIRONMENT, SAFETY, AND HEALTH REPORTING uphs in the following Orders: DOE 5400.1, DOE 5400.2A, DOE 5400.5, DOE 5480.26, DOE 5483.1A, DOE 5484.1, DOE 5630.12A and	EH	09-30-95
DOE 5634.1B, Please see DOCHANGE 001	DE O 231.1)	EH	10-26-95
CHANGE 002		EH	11-07-96
DOE O 232.1A	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS	ЕН	07-21-97
(CANCELS DOE O 232.1)	INFORMATION		
DOE O 241.1	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT	OSTI	08-17-98
(CANCELS DOE O 1430.1I			
DOE O 251.1A (CANCELS DOE O 251.1)	DIRECTIVES SYSTEM	MA	01-30-98
DOE O 252.1 (CANCELS DOE O 1300.22	TECHNICAL STANDARDS PROGRAM A)	EH	11-19-99

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
•	CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAMS DE 3220.4A, DOE 3220.6A, DOE 3309.1A, DOE 3830.1, DOE 3890.1A,	MA	09-30-96
& DOE N 3131.1) CHANGE 001		MA	05-08-98
Clarification for DOE O 350.	1		
	pendix A of the DE-AC07-99ID13727 adequately covers the area of overtime supersedes this section of DOE O 350.1.	ne repor	ting and
DOE O 412.1 (CANCELS DOE 5700.7C)	WORK AUTHORIZATION SYSTEM	FM	04-20-99
DOE O 413.1 (CANCELS DOE 1000.3B)	MANAGEMENT CONTROL PROGRAM	CR	12-06-95
DOE O 413.2 (CANCELS DOE 5000.4A)	LABORATORY DIRECTED RESEARCH AND DEVELOPMENT	SC	03-05-97
DOE O 414.1A (CANCELS DOE 414.1)	QUALITY ASSURANCE	EH	09-29-99
DOE O 420.1	FACILITY SAFETY DOE 5480.24 and DOE 5480.28 & Division 13 of DOE 6430.1A)	EH	10-13-95
CHANGE 001 CHANGE 002	DUE 3460.24 and DUE 3460.26 & Division 13 of DUE 0430.1A)	EH EH	11-16-95 10-24-96
DOE O 425.1A (CANCELS DOE O 425.1)	STARTUP AND RESTART OF NUCLEAR FACILITIES	EH	12-28-98
(Implementation Conditions:	LIFE-CYCLE ASSET MANAGEMENT (CANCELS the following after meeting (see DOE O 430.1A) DOE 1332.1A, DOE 4010.1A, DOE 4300.1C, DOE 4320.1B, DOE 4320.1D DOE 4540.1C, DOE 4700.1, DOE 4700.3, DOE 4700.4, DOE 5700.2D, 0.1A)	FM 2A,	10-14-98
DOE O 430.2 (CANCELS DOE 4330.2D)	IN-HOUSE ENERGY MANAGEMENT	EE	06-13-96
DOE O 435.1 (CANCELS DOE 5820.2A)	RADIOACTIVE WASTE MANAGEMENT	EM	07-09-99
DOE O 440.1A	WORKER PROTECTION MANAGEMENT FOR DOE FEDERAL AND CONTRACTOR EMPLOYEES	EH	03-27-98
(CANCELS DOE 440.1)	AND CONTRACTOR FINITED LEED		
DOE O 440.2	AVIATION	EH	09-25-95
(CANCELS DOE 5480.13A CHANGE 001 CHANGE 002)	EH EH	10-13-95 10-26-95

ORDER NO.	SUBJECT	<u>opi</u>	<u>DATED</u>
DOE O 442.1 (CANCELS DOE 5480.29)	DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM	ED	02-01-99
DOE-04434 4(CANÉEES)DOE 180088	PRKOPERONON OF HUNYANS UBUSIONS	ZZ.	
DOE O 460.1A (CANCELS DOE 460.1)	PACKAGING AND TRANSPORTATION SAFETY	EM	10-02-96
DOE O 460.2	DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT	EM	09-27-95
(CANCELS DOE 1540.1A, I CHANGE 001	DOE 1540.2 and DOE 1540.3)		
	SAFEGUARDS AND SECURITY PROGRAM DOE 5630.13A, DOE 5630.14A, DOE 5630.15, DOE 5630.16A, DOE 5631.4A, DOE 5634.1B, DOE 5634.3, DOE 5639.3 and	SO	09-28-95
CHANGE 001	•••	SO	06-21-96
DOE O 470.2A (CANCELS DOE 470.2, Par	SECURITY AND EMERGENCY MANAGEMENT INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM agraph 5b(2) of DOE O 231.1, and Chapter IV of DOE M 231.1-1)	OA	03-01-00
DOE O 471.1 (CANCELS DOE 5635.4 and	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION DOE 5650 3A)	SO	09-25-95
•		SO	03-27-97
DOE O 471.2A (CANCELS DOE 471.2)	INFORMATION SECURITY PROGRAM	30	V3-27-97
DOE O 472.1B (CANCELS DOE 472.1A an	PERSONNEL SECURITY ACTIVITIES and DOE 472.1 Change 3)	SO	03-24-97
DOE O 474.1 (DOE 5633.3B)	CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS	SO	08-11-99
DOE O 481.1	WORK FOR OTHERS (NON-DEPARTMENT OF ENERGY	MA	09-30-96
(CANCELS DOE 4300.2C)	FUNDED WORK)		
Clarification for DOE O 481.	.1 and DOE M 481.1-1:		
For implementation of these I (WFO).	Directives, Intercompany Work Transfers (IWTs) are not within the scope of	Work f	for Others
DOE O 534.1 (CANCELS DOE 2100.3A, DOE 2200.9B and DOE 220	ACCOUNTING DOE 2200.4, DOE 2200.5B, DOE 2200.6A, DOE 2200.7, DOE 2200.8B, 00.10A)	CR	09-29-95
DOE O 551.1 (CANCELS DOE 1500.3)	OFFICIAL FOREIGN TRAVEL	CR	01-31-00

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
DOE O 1230.2	AMERICAN INDIAN TRIBAL GOVERNMENT POLICY	CI	04-08-92
DOE O 1270.2B	SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL	NN	06-23-92
(CANCELS DOE 1270.2A)	ATOMIC ENERGY AGENCY		
DOE O 1340.1B	MANAGEMENT OF PUBLIC COMMUNICATIONS PUBLICATIONS AND SCIENTIFIC, TECHNICAL AND ENGINEERING PUBLICATION		01-07-93
(CANCELS DOE 1340.1A)	AND SCIENTIFIC, TECHNICAL AND ENGINEERING PUBLICATION	13	•
DOE O 1350.1 CHANGE 001	AUDIOVISUAL AND EXHIBITS MANAGEMENT	CI CI	10-28-81 03-26-84
DOE O 1450.4	CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/RADIO CONVERSATIONS	HR	11-12-92
DOE O 2030.4B	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL	IG	05-18-92
(CANCELS DOE 2030.4A)	OF INDIDOTOR GENERAL		
DOE O 2100.8A	COST ACCOUNTING, COST RECOVERY, AND INTERAGENCY SHARING OF INFORMATION TECHNOLOGY FACILITIES	CR	01-27-93
(CANCELS DOE 2100.8)	SHARING OF INFORMATION TECHNOLOGY FACILITIES		
DOE O 2110.1A (CANCELS DOE 2110.1)	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES	CR	07-14-88
CHANGE 001 CHANGE 002		CR CR	10-05-88 05-18-92
DOE O 2300.1B (CANCELS DOE 2300.1A)	AUDIT RESOLUTION AND FOLLOW-UP	CR	06-08-92
DOE O 2320.1C (CANCELS DOE 2320.1B)	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL	IG	05-18-92
DOE O 2321.1B (CANCELS DOE 2321.1A)	AUDITING OF PROGRAMS AND OPERATIONS	IG	05-14-92
DOE O 4330.4B (CANCELS DOE 4330.4A)	MAINTENANCE MANAGEMENT PROGRAM	FM	02-10-94
DOE O 5400.1	GENERAL ENVIRONMENTAL PROTECTION PROGRAM Chapter II, and 2D & 3B of Chapter III are cancelled by DOE 231.1)	EH	11-09-88
CHANGE 001	Chapter II, and 2D & 3B of Chapter III are cancelled by DOD 231.1)	EH	06-29-90
DOE O 5400.5	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT	EH	02-08-90
(Paragraph 1A(3)(A) of Cha CHANGE 001 CHANGE 002	pter II are cancelled by DOE 231.1)	EH EH	06-05-90 01-07-93

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
DOE O 5480.4 (Attachment 2, paragraph 2C 2E(1)-(7) are cancelled by December 2.1	ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS 2, 2D(2)-(3), 2E(1)-(8): and Attachment 3, Paragraph 2C, 2D(2)-(3), OF 440 1)	ЕН	05-15-84
CHANGE 001 CHANGE 002 CHANGE 003 CHANGE 004	OE 440.1)	EH EH EH EH	05-16-88 05-16-89 09-20-91 01-07-93
DOE O 5480.19	CONDUCT OF OPERATIONS REQUIREMENTS FOR DOE FACILITIES	ЕН	07-09-90
CHANGE 001		EH	05-18-92
DOE O 5480.20A (CANCELS DOE 5480.20)	PERSONNEL SELECTION, QUALIFICATION, TRAINING, AND STAFFING REQUIREMENTS AT DOE REACTOR & NON-REACTOR NUCLEAR FACILITIES	EH	11-15-94
DOE O 5480.21	UNREVIEWED SAFETY QUESTIONS F DOE 5480.5 & Paragraph 54 of DOE 5480.6 & Paragraph 50 of	ЕН	12-24-91
DOE O 5480.22 (CANCELS 5h, 7e(4), & 8d	TECHNICAL SAFETY REQUIREMENTS of DOE 5480.5; Paragraphs 5v, 7e(4) and 8d OF DOE 5480.6)	EH	02-25-92
CHANGE 001 CHANGE 002		EH EH	09-15-92 01-23-96
DOE O 5480.23 (CANCELS DOE 5481.1B (Para.51,7b(3 & (4), 7e(3),8a) CHANGE 001	NUCLEAR SAFETY ANALYSIS REPORTS Nuke Facil. only); Para.7b(3), 7e(3),8c of DOE 5480.6; and of DOE 5480.5	EH EH	04-10-92 03-10-94
	NATION EAD DEACTOR GATERIA DEGICAL OPITERIA		01-19-93
DOE O 5480.30	NUCLEAR REACTOR SAFETY DESIGN CRITERIA	EH	
DOE O 5530.3 CHANGE 001	RADIOLOGICAL ASSISTANCE PROGRAM	SO SO	01-14-92 04-10-92
DOE O 5610.2 CHANGE 001	CONTROL OF WEAPON DATA	DP DP	08-01-80 09-02-86
DOE O 5632.1C	PROTECTION AND CONTROL OF SAFEGUARDS AND SECURITY INTERESTS	SO	07-15-94
(CANCELS DOE 5632.1B; 5632.11; 5635.1A, 2B & 3)	DOE 5632.2A; DOE 5632.5; DOE 5632.6; DOE 5632.9A; DOE		
DOE O 5632.7A (CANCELS DOE 5632.7 A)	PROTECTIVE FORCE PROGRAM ND DOE 5632.8)	so so	04-13-94 02-13-95
CHANGE 001 DOE O 5639.8A	SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND	SO	07-23-93
(CANCELS DOE 5639.8)	SENSITIVE COMPARTMENTED INFORMATION FACILITIES	-	

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
DOE O 5660.1B (CANCELS DOE 5660.1A)	MANAGEMENT OF NUCLEAR MATERIALS	DP	05-26-94
DOE O 5670.1A (CANCELS DOE 5670.1)	MANAGEMENT AND CONTROL OF FOREIGN INTELLIGENCE	IN	01-15-92
DOE O 5670.3	COUNTERINTELLIGENCE PROGRAM	CN	09-04-92
ID 0 251.1 (CANCELS ID N 251.1B)	ID DIRECTIVES SYSTEM	CFAO	05-10-99
30)(0)(4)(6)(2) (6)(0)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)	AMPANATO DIMEDANTA O DESCRIPERARA MARINEZ INCIPERENTE.	(Paris)	
ID O 412.A (CANCELS ID N 130.A)	WORK AUTHORIZATION AND CONTROL	CFAO	11-08-99
ad) (1 :1/4 <u>04</u> -((0:0046)3468 1650 0:4514; 1)	COSPAGUENA A COMPANIENT		075-17-1910
ID O 420.A	FIRE SAFETY PROGRAM	TS	07-13-99
(OA) CALS EDIN 25AB	PRHANCION AND RESEARCH DE NOGREARINA OUTHERS	1182	(1)31-3524-316
ID O 430.D (CANCELS ID N 430.D)	WELDING PRACTICES AND ACTIVITIES AT THE INEEL	EM	01-24-00
ID O 450.A	LINE ENVIRONMENT, SAFETY, HEALTH AND QUALITY ASSURANCE OVERSIGHT	TS	08-27-99
(CANCELS ID N 450.A3)			
ID O 450.D	OFFSITE RESPONSE AND USE OF THE RADIOLOGICAL ASSISTANCE PROGRAM FOR INCIDENTS WHEN PERSONNEL AND/OR EQUIPMENT FROM THE INEEL ARE SUSPECTED OF BEING RADIOLOGICALLY CONTAMINATED	EM	03-16-00
(CANCELS ID N 450.D)	BEING RADIOEOGICIEET CONTINUIVITEE		
ID O 471.A	PROTECTION OF SAFEGUARDS INFORMATION	TS	12-08-99
ID O 473.A	PHYSICAL SECURITY INFORMATION (FIREARMS, BOMB THREATS, INEEL TRAFFIC CITATIONS AND CONTROLLED SUBSTANCES)	TS	02-08-00
(CANCELS ID N 473.A)	SUBSTANCES		
IDSOV4745A	Magnerate Andragastratura paradaranya kalakaranya kalakaranya kalakaran 🗝 🐇	-18-	(0) (2) (0) (3) (4) (3) (3) (3)
A CONTROL DE LA MANAGEMA	MANUALS	-	
DOE M 140.1-1A	INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD	os	01-26-99
(CANCELS DOE M 140.1-	1)		

ORDER NO.	SUBJECT	<u>OPI</u>	<u>DATED</u>
DOE M 200.1-1	TELECOMMUNICATION SECURITY MANUAL PUBLIC KEY GRYPTOGRAVEN AND KEY MANAGENERAL	SO	0397
CHAPTER 9		SOS	02=15≥00
DOE M 231.1-1	ENVIRONMENT, SAFETY, AND HEALTH REPORTING MANUAL	EH	09-30-95
CHANGE 001		EH	11 - 07-96
DOE M 232.1-1A (CANCELS DOE M 232.1-	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION 1)	EH	07-21-97

Clarification for DOE M 232.1-1A:

Section 9, 9.3, H, Group 3 - Personnel Safety, A. (Off-Normal) (3): A decision to report an "off-normal" occurrence is to be prompted by the identification of an abnormal event or condition in which personnel exposure exceeded, or is suspected to have exceeded, a Permissible Exposure Limit (PEL) or Threshold Limiting Value (TLV). When personnel exposures to the hazards are eliminated, or at least diminished to levels not exceeding mandated limits, through the use of appropriate administrative or engineering controls, or personal protective equipment, then there is no personnel exposure and it is not necessary to file an occurrence report.

necessary to file an occurrence	report.	,	
DOE M 251.1-1A (CANCELS DOE M 251.1-1)	DIRECTIVES SYSTEM MANUAL	MA	01-30-98
DOE M 435.1-1	RADIOACTIVE WASTE MANAGEMENT MANUAL	EM	07-09-99
DOE M 440.1-1	DOE EXPLOSIVES SAFETY MANUAL	EH	09-30-95
DOE M 452.4-1	PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS	DP	07-01-99
DOE M 471.2-1B (CANCELS DOE M 471.2-1.	CLASSIFIED MATTER PROTECTION AND CONTROL MANUAL A)	SO	01-06-99
DOE M 471.2-2 (CANCELS DOE M 5639.0	CLASSIFIED INFORMATION SYSTEMS SECURITY MANUAL 6A-1)	SO	08-03-99
DOBGNESSALZES	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ) 	3.04E30F00
DOE M 472.1-1 (CANCELS Chapters I-IX of canceled by DOE O 472.1B	PERSONNEL SECURITY PROGRAM MANUAL FDOE 5631.2C. The rest of this Order was previously)	SO	05-22-98
DOE M 473.2-1	FIREARMS QUALIFICATION COURSES MANUAL	SO	07-08-97
(CANCELS DOE M 5632.7- CHANGE 001	1)	SO	08-21-97
DOE M 474.1-1	MANUAL FOR CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS	SO	08-11-99

Clarification for DOE N 441.1:

DOE N 350.5

DOE N 440.1

DOE N 441.1

1. DOE N 441.1, Section 2(d) states, "Cancellation of DOE N 5480.11, Extension of Radiological Control Manual, revision 1 (DOE Radiological Control Manual [DOE/EH-0256T] remains as guidance)."

DOE-ID clarification: The DOE Radiological Control Manual (RCM) will remain contractually enforceable. Modifications to the INEEL Radiological Control Manual that result from conflicts due to transition to this Notice must be provided to the ID Radiological Control Manager for prior approval. RCM changes shall be provided for the DOE-ID Radiological Control Manager within 6 months of the contract modification.

USE OF FACILITY CONTRACTOR EMPLOYEES FOR SERVICES

INTERIM CHRONIC BERYLLIUM DISEASE PREVENTION

RADIOLOGICAL PROTECTION FOR DOE ACTIVITIES

TO DOE IN THE WASHINGTON, D.C., AREA

PROGRAM

04-15-99

07-15-97

09-30-95

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- 2. DOE N 441.1, Section 6.a.(3) states, "A facility-specific ACL shall be approved each year by facility management to maintain radiological worker doses below the DOE ACL. Written authorization by facility management shall be required prior to allowing any radiological worker's dose resulting from planned activities to exceed the facility-specific ACL."
 - DOE-ID clarification: "Facility-specific" as used in this section means the INEEL. "Facility management" as used in this section means the Contractor's senior management official and the DOE-ID Manager.
- 3. DOE N 441.1, Section 6.c.(1) states, "Radiation safety training for general employees, radiological workers, and radiological control technicians shall utilize those portions of the standardized core training materials published by DOE that are relevant to facility hazards and operations, augmented as necessary by site-specific material. Documentation of satisfactory completion of the entire DOE standardized core course(s) shall be accepted by all DOE activities."
 - DOE-ID clarification: The INEEL may accept completed DOE core radiological training for general employees, radiological workers, and radiological control technicians from non-INEEL sources provided that auditable records are kept to document the basis for acceptance. The INEEL radiological training should be consistent with the guidance in the INEEL Radiological Control Manual.
- 4. DOE N 441.1, Section 6.d. states, "Any accessible area in which radioactive material is used, handled, or stored shall be posted with the words 'Caution, Radioactive Material.' The posting shall meet the requirements of 10 CFR 835.601. The following areas are exempt for this posting requirement:.."
 - DOE-ID clarification: "Accessible" as used in this section means any portion of the body.
- 5. RCM 231.6 states, "If more than one radiological condition (such as contamination, and high radiation) exists in the same area, each condition should be identified."
 - DOE-ID clarification: For article RCM 231.6 add, "Postings with the words 'Caution Radioactive Material' are not required for: areas posted as a radiological area in accordance with 10 CFR 835.603; other areas posted with radiological warning signs meeting the criteria established in 10 CFR 835.601; areas containing radioactive materials in quantities below that which is likely to cause any individual to receive a TEDE in excess of 0.1 rem in a year."
- 6. RCM 431.1 states, "DOE N 5400.9 describes how sealed (extended by DOE N 5400.10) radioactive sources <u>shall</u> be controlled and maintained, and specifies requirements for receipt, inventory, storage, transfer, disposal and integrity testing."
 - DOE-ID clarification: Change to read "DOE N 441.1 describes how sealed..."
- 7. Other necessary modifications to the RCM as a result of implementation of this Notice are to be performed by the Contractor and provided to the DOE-ID Radiological Control Manager for prior approval.

DOE N 441.4	EXTENSION OF DOE N 441.1, RADIOLOGICAL PROTECTION FOR DOE ACTIVITIES	EH	11-20-98
DOE N 473.1	CARRYING SEMIAUTOMATIC PISTOLS WITH A ROUND IN THE CHAMBER	SO	10-28-99
DOE N 473.2	STANDARDIZATION OF FIREARMS	so	03-02-00

DOEN 47E3

ORDER NO.	SUBJECT	<u>OPI</u>	DATED
DOEN 473.4	DEPARTMENT OF ENERGY-BADGES	SQ	205526-00
DOEN 473.5	SSEGURETY AREA VOUGHING AND PIGGABAGEING	SOS.	<u> </u>
ID N 420.A1 (CANCELS ID N 420.A)	SAFETY BASIS REVIEW AND APPROVAL PROCESS	TS	05-11-98
ID N 430.1A	LIFE CYCLE ASSET MANAGEMENT: ID EXPECTATIONS	EM	02-24-97
ID N 450.C	AUTHORIZATION AGREEMENTS	TS	02-08-99
	<u>OTHER</u>		
DOE-STD-1090-99	HOISTING AND RIGGING		03~ -99
	DOE ACCOUNTING PRACTICES AND PROCEDURES HANDBOOK, CHAPTER X, PRODUCT COST ACCOUNTING		06-30-80